

Appl. No. : 10/804,407  
Filed : March 19, 2004

### AMENDMENTS TO THE CLAIMS

**Please amend the claims as follows:**

1-16(canceled)

17 (currently amended): A plastic film comprising a substrate having a thickness of about 60  $\mu\text{m}$  to about 200  $\mu\text{m}$ , and a hard coating layer having a thickness of about 1  $\mu\text{m}$  to about 10  $\mu\text{m}$  formed on at least one side of the substrate, wherein the hard coating layer has a three-dimensional structure comprising methacrylic and/or acrylic polymers crosslinked with each other, said polymers having a hydroxyl value of 20 to 80 KOH mg/g, and wherein the substrate shows a swelling rate of no more than 5% as measured after the surface of the hard coating layer of the plastic film is kept in contact with toluene for 5 minutes, wherein the methacrylic and/or acrylic polymers comprise a HALS-hybrid methacrylic or acrylic polymer, wherein said HALS-hybrid methacrylic or acrylic polymer comprises cyclohexyl methacrylate or cyclohexyl acrylate as a monomer component.

18 (previously presented): The plastic film according to Claim 17, wherein the substrate is made of a polyolefin resin.

19-20 (canceled)

21 (currently amended): An adhesive tape comprising the plastic film according to Claim 17 and a layer of a pressure-sensitive adhesive having a thickness of about 1  $\mu\text{m}$  to about 300  $\mu\text{m}$ , said layer being formed on the substrate or the hard coating layer if the hard coating layer is applied to both ~~side~~-sides of the substrate.

22 (currently amended): A method of manufacturing a plastic film comprising:

providing a substrate having a thickness of about 60  $\mu\text{m}$  to about 200  $\mu\text{m}$ ;

providing a polymer solution comprising methacrylic and/or acrylic polymers having a hydroxyl value of 20 to 80 KOH mg/g, a crosslinking agent, and a solvent;

applying the polymer solution on at least one side of the substrate; and

curing the polymer solution to form a hard coating layer having a thickness of about 1  $\mu\text{m}$  to about 10  $\mu\text{m}$  having a three-dimensional crosslinked structure,

wherein the substrate shows a swelling rate of no more than 5% as measured after the surface of the hard coating layer of the plastic film is kept in contact with toluene for 5 minutes,

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wherein the methacrylic and/or acrylic polymers comprise a HALS-hybrid methacrylic or acrylic polymer,

wherein said HALS-hybrid methacrylic or acrylic polymer comprises cyclohexyl methacrylate or cyclohexyl acrylate as a monomer component.

23 (previously presented): The method according to Claim 22, wherein the substrate is made of a polyolefin resin.

24-25 (canceled)

26 (currently amended): The method according to Claim 22, further comprising forming a layer of a pressure-sensitive adhesive having a thickness of about 1  $\mu\text{m}$  to about 300  $\mu\text{m}$  on the substrate or the hard coating layer if the hard coating layer is applied to both ~~side~~ sides of the substrate.

27-28 (canceled)

29 (new): The plastic film according to Claim 17, wherein said hard coating layer comprises crosslinking agent in a range of 10 to 30 parts by weight based on 100 parts by weight of the (meth)acrylic polymer, wherein the solvent resistance of the plastic film is improved over the solvent resistance of plastic films with hard coating layers having crosslinking agent less than said range.

30 (new): The method according to Claim 22, wherein said hard coating layer comprises crosslinking agent in a range of 10 to 30 parts by weight based on 100 parts by weight of the (meth)acrylic polymer, wherein the solvent resistance of the plastic film is improved over the solvent resistance of plastic films with hard coating layers having crosslinking agent less than said range.